

**Water Quality Data of Cape D'Aguilar Marine Reserve from July to September 2016 (3rd Quarter)**

|                                        | Hok Tsui Wan |        | Telegraph Bay |        |
|----------------------------------------|--------------|--------|---------------|--------|
|                                        | Surface      | Bottom | Surface       | Bottom |
| Water Depth                            |              |        |               |        |
| Air Temperature (°C)                   | 27.70        |        | 27.70         |        |
| Temperature (°C)                       | 25.00        | 24.50  | 24.90         | 24.40  |
| Salinity (‰)                           | 30.90        | 31.60  | 30.20         | 31.70  |
| Dissolved Oxygen (mg/L)                | 6.70         | 5.70   | 6.60          | 5.70   |
| pH                                     | 8.20         | 8.10   | 8.20          | 8.10   |
| Secchi Disc Depth (m)                  | 3.0          |        | 3.0           |        |
| Turbidity (NTU)                        | 1.00         | 1.00   | <1            | <1     |
| Suspended Solids (mg/L)                | <2           | <2     | 2.00          | <2     |
| 5-Day Biochemical Oxygen Demand (mg/L) | <2           | <2     | <2            | <2     |
| Ammoniacal Nitrogen (mg/L)             | <0.01        | <0.01  | <0.01         | <0.01  |
| Unionized Ammonia (mg/L)               | <0.01        | <0.01  | <0.01         | <0.01  |
| Nitrite Nitrogen (mg/L)                | <0.01        | <0.01  | <0.01         | <0.01  |
| Nitrate Nitrogen (mg/L)                | 0.06         | 0.05   | 0.06          | 0.05   |
| Total Inorganic Nitrogen (mg/L)        | 0.06         | 0.05   | 0.06          | 0.05   |
| Total Kjeldahl Nitrogen (mg/L)         | 0.35         | 0.35   | 0.30          | 0.35   |
| Total Nitrogen (mg/L)                  | 0.40         | 0.45   | 0.40          | 0.40   |
| Orthophosphate Phosphorus (mg/L)       | <0.01        | <0.01  | <0.01         | <0.01  |
| Total Phosphorus (mg/L)                | <0.1         | <0.1   | <0.1          | <0.1   |
| Chlorophyll-a (µg/L)                   | 1.85         | 0.90   | 0.80          | 0.95   |
| <i>E. coli</i> (cfu/100 mL)            | 1            | 1      | 0             | 1      |
| Faecal Coliforms (cfu/100 mL)          | 160          | 19     | 59            | 7      |